| Index | o₽. | Cla | ime |
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Application No.

10/618,226

Examiner

Jack Chen

Applicant(s)

CHAU ET AL.

Art Unit

2813

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected Ν ı Interference

Appeal 0 Objected

| Cla      | aim      |  |          |          |              | Date     | e  | ,  |          |          | Cla          | aim      |                     |          |         | Date            | •        |              |          | ]:::: | CI       | aim        |  |        |        | Dat      |
|----------|----------|--|----------|----------|--------------|----------|--|--|----------|----------|--------------|----------|---------------------|----------|---------|-----------------|----------|--------------|----------|-------|----------|------------|--|--------|--------|----------|
| Final    | Original | 11/28/04   |          |          |              |          |  |  |          |          | Final        | Original |                     |          |         |                 |          |              |          |       | Final    | Original   |  |        |        |          |
| <u> </u> | 1        |  |          |          |              | _        |  |  | П        |          |              | 51       | $\dashv$            |          |         |                 | 4        |              |          | ]     |          | 101        | П  | 4      | $\bot$ | L        |
| <u> </u> | 2        | _  |          |          | _            | L        | _  | <u> </u>   | $\vdash$ | _        |              | 52       |                     |          | -       | $\vdash$        | -        | -            | -        | -     |          | 102        |  |        | +-     | ├-       |
| -        | 3        | -  |          |          | ļ            | ⊨        |  | -  | $\vdash$ | _        | <del></del>  | 53       | $\vdash$            | +        | ╀       | Н               | $\dashv$ | +            | +        |       |          | 103        | -  |        | +-     | ⊢        |
|          | 4<br>5   |  |          |          | <del> </del> | ⊢        | ⊢  | -  | $\vdash$ | -        |              | 54<br>55 | $\vdash$            | +        | +       | $\vdash$        | $\dashv$ | +            | +        | -     |          | 104<br>105 | $\vdash$   | +      | ┿      | ⊢        |
|          | 6        |  |          |          | <u> </u>     | H        | ⊢  | -  | -        |          |              | 56       | -+                  |          | ╁       | $\vdash$        | -+       | +            |          | 1     |          | 105        | $\vdash$   | +      | +      | ⊢        |
|          | 7        | $\vdash$   |          |          | $\vdash$     | $\vdash$ |  | $\vdash$   | $\vdash$ | -        |              | 57       |                     | +-       | ╁       | $\vdash$        | +        | $\dashv$     |          | 1     |          | 107        | $\vdash$   | +      | +      | ⊢        |
|          | 8        | -  |          |          | $\vdash$     | $\vdash$ |  | $\vdash$   | $\vdash$ |          | <del></del>  | 58       | -                   |          | +-      |                 | $\dashv$ | $\dashv$     | _        | 1:::  |          | 108        | $\vdash$   | +      | +      | ۲        |
| -        | 9        | $\vdash$   |          |          | $\vdash$     | $\vdash$ | Ė  | $\vdash$   | $\Box$   | -        | <del>-</del> | 59       | $\vdash$            |          | 十       | $\vdash$        | 十        | $\dashv$     | _        | 1     |          | 109        |  | +      | +      | ╁        |
| ,        | 10       | -  |          |          |              | T        |  |  |          |          |              | 60       | $\vdash$            | $\dashv$ | 1       | Н               | 寸        | 十            | _        | 1     |          | 110        |  | +      | +      | 十        |
|          | 11       |  |          |          |              | ┢        |  |  |          |          | · · · · ·    | 61       |                     | _ _      | T       |                 | $\neg$   | _            | _        |       |          | 111        |  | $\top$ | $\top$ | $\vdash$ |
|          | 12       |  |          |          |              | T        |  | Г  |          |          |              | 62       |                     |          | 1       | П               | 寸        | 十            | _        | 1     |          | 112        |  | $\top$ | $\top$ | T        |
|          | 13       |  |          |          |              |          |  |  |          |          |              | 63       |                     |          |         |                 |          |              |          | ]:::: |          | 113        |  |        | T      | Γ        |
|          | 14       |  |          |          |              |          |  | Г  | Î        |          |              | 64       |                     |          |         | П               | $\neg$   | T            |          | 1:::: |          | 114        | П  |        |        | Т        |
|          | 15       |  |          |          |              |          |  |  |          |          |              | 65       |                     |          |         |                 |          |              |          |       |          | 115        |  |        |        |          |
| -        | 16       |  |          |          |              |          |  |  |          |          |              | 66       |                     |          |         |                 |          |              |          |       |          | 116        |  |        |        |          |
|          | 17       |  |          |          |              |          |  |  |          |          |              | 67       |                     |          |         |                 |          |              |          |       |          | 117        |  |        |        |          |
| Ĺ        | 18       |  |          |          |              |          |  |  |          |          |              | 68       |                     |          |         | Ш               |          |              |          |       |          | 118        |  | _ _    |        | $\perp$  |
| L        | 19       |  |          |          |              |          |  |  |          |          | <u> </u>     | 69       |                     |          |         | Ш               | $\perp$  | _            | $\perp$  |       |          | 119        |  |        |        | _        |
|          | 20       |  |          |          | _            |          | <u> </u>   |  |          |          |              | 70       |                     |          |         | Ш               | $\perp$  | _            | $\perp$  |       |          | 120        |  |        | 4_     | <u> </u> |
| <u></u>  | 21       | 1  |          |          |              |          |  |  |          |          |              | 71       |                     | $\perp$  | ┺       | Ш               |          |              | $\perp$  |       |          | 121        |  | _      | 4      | ╄        |
| <u></u>  | 22       |  |          |          |              |          |  |  | Ш        |          |              | 72       | _                   |          | 1       | Щ               | _        | _            | $\perp$  | 4     |          | 122        | <del>                                     </del> |        | +-     | ╄        |
|          | 23       | <u> </u>   |          |          | _            |          | <u> </u>   |  | Ш        |          |              | 73       |                     | _        | _       | Ш               | $\dashv$ | _            | $\perp$  | 4:::: |          | 123        |  | _      | +-     | ₽        |
|          | 24       | <u> </u>   |          | H        | _            | $\vdash$ | ├  | <u> </u>   | ╁        | _        |              | 74       | H                   | -        | +       | Н               | $\dashv$ |              | -        | 1     |          | 124        | $\vdash$   | -      | +-     | ⊢        |
| <u> </u> | 25       | _  |          |          |              | -        | ├  | ├—   | -        |          |              | 75       | $\vdash$            | +        | ╄       | Н               |          | -            |          | 4     |          | 125        | ╌  | +      | +-     | ╀        |
|          | 26<br>27 | <u> </u>   |          | -        |              | ⊢        | ├  | -  |          |          |              | 76<br>77 | $\vdash$            | +        | ╁       | $\vdash$        | $\dashv$ |              |          | 1     |          | 126<br>127 | $\vdash$   | +      | ╫      | ╆        |
| <u> </u> | 28       | ├-   | _        | -        | <u> </u>     | ⊢        | ┢  |  | -        |          |              | 78       | -                   |          | ┿       |                 | -        | ╁            |          | 1     |          | 128        | $\vdash$   | +      | +      | ₩        |
|          | 29       | ├  |          | $\vdash$ | -            | ┝        | ⊢  | -  | -        |          |              | 79       | $\vdash$            | +        | ╁╌      | $\vdash$        | $\dashv$ | +            | +-       | 1     |          | 129        | $\vdash$   | +      | +      | $\vdash$ |
|          | 30       | ┢  |          | -        | -            | ┢        | ┢  | _  |          | $\dashv$ |              | 80       | $\vdash$            |          | ╅       | Н               | $\dashv$ | -            | +        | 1     |          | 130        | ╌┼   | +      | +-     | ╁        |
|          | 31       | $\vdash$   |          | -        | -            | ┢        | ┢  | -  | 1        |          |              | 81       |                     | +        | +-      | $\vdash$        | 十        | _            | +        | -     |          | 131        | $\vdash$   | +      | +      | +        |
|          | 32       | <del>                                     </del> |          |          | $\vdash$     | T        | ╁  | $\vdash$   | $\vdash$ | $\dashv$ |              | 82       | $\vdash$            | $\top$   | T       |                 | $\dashv$ | $\dashv$     | $\dashv$ | 1:::: | <b> </b> | 132        | $\vdash$   | +-     | +-     | T        |
|          | 33       | <del> </del>                                     | Ι-       | $\vdash$ | $\vdash$     | $\vdash$ | <del>                                     </del> | <del>                                     </del> | $\vdash$ | $\neg$   | $\vdash$     | 83       | $\vdash$            | +        | +       | $\vdash$        | $\dashv$ | $\dashv$     | $\top$   | i ii  |          | 133        | H  | +      | +-     | T        |
|          | 34       | <del>                                     </del> |          |          | -            | t        |  |  | П        |          |              | 84       | $\vdash$            | +        | T       | H               | $\dashv$ | 十            | 1        |       |          | 134        | $\sqcap$   | _      | +      | $\vdash$ |
|          | 35       |  | -        |          |              | T        |  |  | П        |          |              | 85       |                     | $\top$   | $\top$  | П               | $\neg$   | $\neg$ †     | $\top$   |       |          | 135        | $\Box$   | 1      | 1      | Т        |
|          | 36       |  |          |          |              | T        |  |  |          |          |              | 86       | $\Box$              | $\top$   | $\top$  | П               | $\neg$   | _            | $\top$   |       |          | 136        | П  | 7      | 1      | Г        |
|          | 37       |  |          |          |              |          | L  | L  |          |          |              | 87       |                     |          |         |                 |          |              |          | ]     |          | 137        |  |        |        | Γ        |
|          | 38       | √  |          |          | L            |          |  |  |          |          |              | 88       |                     |          |         |                 |          | $\Box$       |          |       |          | 138        |  |        |        | Γ        |
|          | 39       |  |          |          |              |          |  |  |          |          |              | 89       |                     |          |         |                 |          |              |          |       |          | 139        |  |        |        |          |
|          | 40       |  |          |          |              |          | 匚  |  |          |          |              | 90       |                     |          |         | $oxed{\Box}$    |          | $oxed{oxed}$ |          |       |          | 140        |  |        |        |          |
|          | 41       |  |          |          | L            |          | L  | L  | Ш        |          |              | 91       |                     | $\perp$  |         | Ш               |          | $\perp$      |          | 4     | <u> </u> | 141        | Ш  |        |        | L        |
|          | 42       |  |          |          |              |          |  |  |          | _]       |              | 92       |                     |          | $\perp$ | $\square$       | [        |              |          |       |          | 142        | $\sqcup$   | _      |        |          |
|          | 43       |  |          | Ш        | L            | <u>L</u> | <u> </u>   | <u> </u>   | Ш        |          | <u> </u>     | 93       | $\sqcup$            | 4        | 上       | Ш               | _        | $\perp$      | _ _      |       |          | 143        |  |        | 4_     | L        |
|          | 44       | _  |          |          | <u> </u>     | L        | _  |  |          | _        |              | 94       | $\sqcup$            | _        | 1       |                 | _        | $\dashv$     | $\perp$  | J     |          | 144        | $\sqcup$   |        | 4      | $\perp$  |
| ļ        | 45       | <u> </u>   |          | <u> </u> | <u> </u>     | <u> </u> | <u> </u>   | L_   | $\sqcup$ | _        |              | 95       | $\vdash \vdash$     | $\bot$   | $\perp$ | Ш               | $\dashv$ | $\dashv$     | $\perp$  | 4     | <u> </u> | 145        | $\sqcup$   | $\bot$ | ╀      | Ŀ        |
| <u> </u> | 46       |  |          | <u> </u> |              | <u> </u> |  | _  | $\sqcup$ |          |              | 96       | $\vdash \downarrow$ |          | 1       | $\sqcup$        |          | $\perp$      | _        | 4     |          | 146        | $\sqcup$   | _      | ╀      | $\vdash$ |
|          | 47       | -  | ļ        |          | <u> </u>     | <u> </u> | <u> </u>   | ļ  | $\sqcup$ |          |              | 97       | $\vdash$            |          | 4       | $\square$       | _        | 4            |          | 4:::: |          | 147        | $\sqcup$   | _      | +-     | 1        |
|          | 48       | -  | <u> </u> | ├        | <u> </u>     | <u> </u> | <del> </del>                                     | <del>  -  </del>                                 | $\vdash$ | $\dashv$ |              | 98       | $\vdash \vdash$     |          | +-      |                 |          | $\dashv$     | - -      | 1     | <u> </u> | 148        | $\vdash$   |        | +-     | ┼-       |
|          | 49       | $\vdash$   |          | $\vdash$ | <u> </u>     | $\vdash$ | <u> </u>   | <u> </u>   | $\vdash$ | $\dashv$ | <u> </u>     | 99       | $\vdash \vdash$     | +-       | +       | $\vdash \vdash$ | $\dashv$ | $\dashv$     |          | 1     | <b> </b> | 149        | $\vdash \vdash$                                  | -      | +      | $\vdash$ |
| L        | 50       | L  |          |          |              |          | ļ  |  | 11       |          |              | 100      |                     | - 1      | 1       |                 |          |              |          | 1     | i        | 150        | 1  | - 1    |        | 1        |

| CI   | aim   | Date         |               |          |                |          |  |  |  |                 |  |  |  |
|--|---|--------------|---------------|----------|----------------|----------|--|--|--|-----------------|--|--|--|
|  |   |              |               |          | -              |          |  |  |  | П               |  |  |  |
| ल  | Original  |              |               |          |                |          |  |  |  |                 |  |  |  |
| Final  | igi   |              |               |          |                |          |  |  |  |                 |  |  |  |
| _  | ō   |              |               |          |                |          |  |  |  |                 |  |  |  |
|  | 404   | $\vdash$     | _             | $\vdash$ |                | _        | -  | H  | -  | $\vdash\vdash$  |  |  |  |
|  | 101<br>102  | _            |               | _        | _              | -        |  |  | ۲  | $\vdash$        |  |  |  |
|  | 102   |              | _             | <u> </u> | _              |          | _  |  | _  | Ш               |  |  |  |
|  | 103   |              |               | _        | _              |          | Ŀ  |  |  | Щ               |  |  |  |
|  | 103<br>104<br>105<br>106<br>107   |              |               | L        |                |          | L  | $ldsymbol{ld}}}}}}$ |  | Щ               |  |  |  |
|  | 105   |              |               |          |                | L.       |  |  |  |                 |  |  |  |
|  | 106   |              |               |          |                |          |  |  | L.   |                 |  |  |  |
|  | 107   |              |               |          |                |          |  |  |  |                 |  |  |  |
|  | 108   |              |               |          |                |          |  |  |  |                 |  |  |  |
|  | 108<br>109  |              |               |          |                |          |  |  |  |                 |  |  |  |
|  | 110   |              |               |          |                |          |  |  |  |                 |  |  |  |
|  | 111   |              |               |          |                |          |  |  |  |                 |  |  |  |
|  | 112   |              |               |          |                |          | Г  |  |  | П               |  |  |  |
|  | 113   |              |               |          |                |          |  |  |  | П               |  |  |  |
|  | 114   |              | П             |          |                |          | Г  |  | П  | П               |  |  |  |
|  | 111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 |              |               | $\vdash$ | $\vdash$       |          | Г  | $\vdash$   | $\vdash$   | Н               |  |  |  |
| $\vdash$   | 116   | H            | Н             | $\vdash$ |                |          | H  | $\vdash$   |  | H               |  |  |  |
| $\vdash$   | 117   |              | $\vdash$      | $\vdash$ | <del>  -</del> | $\vdash$ | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$        |  |  |  |
| <del>                                     </del> | 110   |              |               | ⊢        |                |          |  | -  | $\vdash$   | Н               |  |  |  |
|  | 110   | _            | <del> -</del> |          | -              | ┝        |  | ├  | -  | Н               |  |  |  |
|  | 119   |              | _             | $\vdash$ |                | ├-       |  |  | -  | Н               |  |  |  |
|  | 120   |              | -             | ļ        | <u> </u>       |          |  | ļ  | _  | Н               |  |  |  |
|  | 121   |              | _             | _        | <u> </u>       |          | _  |  | <u> </u>   | Н               |  |  |  |
|  | 122   | <u> </u>     | _             |          | <u> </u>       | <u> </u> |  | <u> </u>   | <u> </u>   | Щ               |  |  |  |
|  | 123   |              |               |          | <u> </u>       | <u> </u> |  |  | <u></u>  | Ш               |  |  |  |
|  | 124   |              | _             |          | <u> </u>       | <u> </u> |  | L_   |  | Ш               |  |  |  |
|  | 125   | _            | _             |          | <u> </u>       |          |  |  |  | Ш               |  |  |  |
|  | 126   |              |               |          |                |          |  |  |  | Ш               |  |  |  |
|  | 127   |              |               |          |                |          |  |  |  | Ш               |  |  |  |
|  | 128   |              |               |          |                |          |  |  |  | Ш               |  |  |  |
|  | 129   |              |               |          |                |          |  |  |  |                 |  |  |  |
|  | 130   |              |               |          |                |          |  |  |  |                 |  |  |  |
|  | 131   |              |               |          | Г              |          |  |  |  |                 |  |  |  |
|  | 132   |              |               | Ī        |                |          |  |  |  |                 |  |  |  |
|  | 133   |              |               |          |                |          |  |  |  | П               |  |  |  |
|  | 134   |              |               |          |                |          |  |  | Г  | П               |  |  |  |
|  | 135   |              | П             | Ι        | l              |          |  |  | <u> </u>   | М               |  |  |  |
|  | 133<br>134<br>135<br>136  |              |               |          |                | _        |  |  |  | $\vdash$        |  |  |  |
|  | 137   | $\vdash$     | $\vdash$      | $\vdash$ | <u> </u>       | $\vdash$ | <u> </u>   |  |  | Н               |  |  |  |
|  | 138   | $\vdash$     | $\vdash$      |          |                | Н        | <del>                                     </del> | _  |  | $\vdash$        |  |  |  |
| $\vdash$   | 138<br>139  | -            |               | $\vdash$ |                | $\vdash$ | <u> </u>   |  | <del>-</del>                                     | H               |  |  |  |
|  | 140   | -            | $\vdash$      | $\vdash$ | -              | $\vdash$ | <del> </del>                                     |  | <u> </u>   | $\vdash \vdash$ |  |  |  |
| <b></b> -  | 4 4 4   | <del> </del> |               | $\vdash$ | $\vdash$       | $\vdash$ | $\vdash$   | -  | <u> </u>   | H               |  |  |  |
|  | 141   | $\vdash$     | -             | -        | $\vdash$       | $\vdash$ | -  |  | <del> -</del>                                    | $\vdash\vdash$  |  |  |  |
|  |   | -            | $\vdash$      | ├—       |                | $\vdash$ | -  | -  | <del> </del>                                     | $\vdash \vdash$ |  |  |  |
|  | 143   |              | $\vdash$      |          | -              | ├        | -  |  | $\vdash$   | Н               |  |  |  |
|  | 144   | _            | <u> </u>      | <u> </u> | $\vdash$       | _        |  |  | <u> </u>   | Ш               |  |  |  |
|  | 145   | <u> </u>     |               | <u> </u> | <u> </u>       | Ŀ        | L_   |  | <u> </u>   | Ш               |  |  |  |
|  | 146   |              | _             |          |                | <u> </u> |  | <u> </u>   | <u> </u>   | L               |  |  |  |
|  | 147   | L            | <u> </u>      |          | L_             |          |  | <u> </u>   | L  | Ш               |  |  |  |
|  | 148   | L_           |               |          |                |          | L_   |  | L_   | Ш               |  |  |  |
|  | 149   |              |               |          |                |          | L  |  |  |                 |  |  |  |
|  | 150   |              |               |          |                |          |  |  |  |                 |  |  |  |